

# SkyEye plus

Aerial video - stills & more

## Roof Surveys



[www.skyeyeplus.co.uk](http://www.skyeyeplus.co.uk)

## 30,000 sq ft Asbestos Roofing surveyed in 5 hours flat

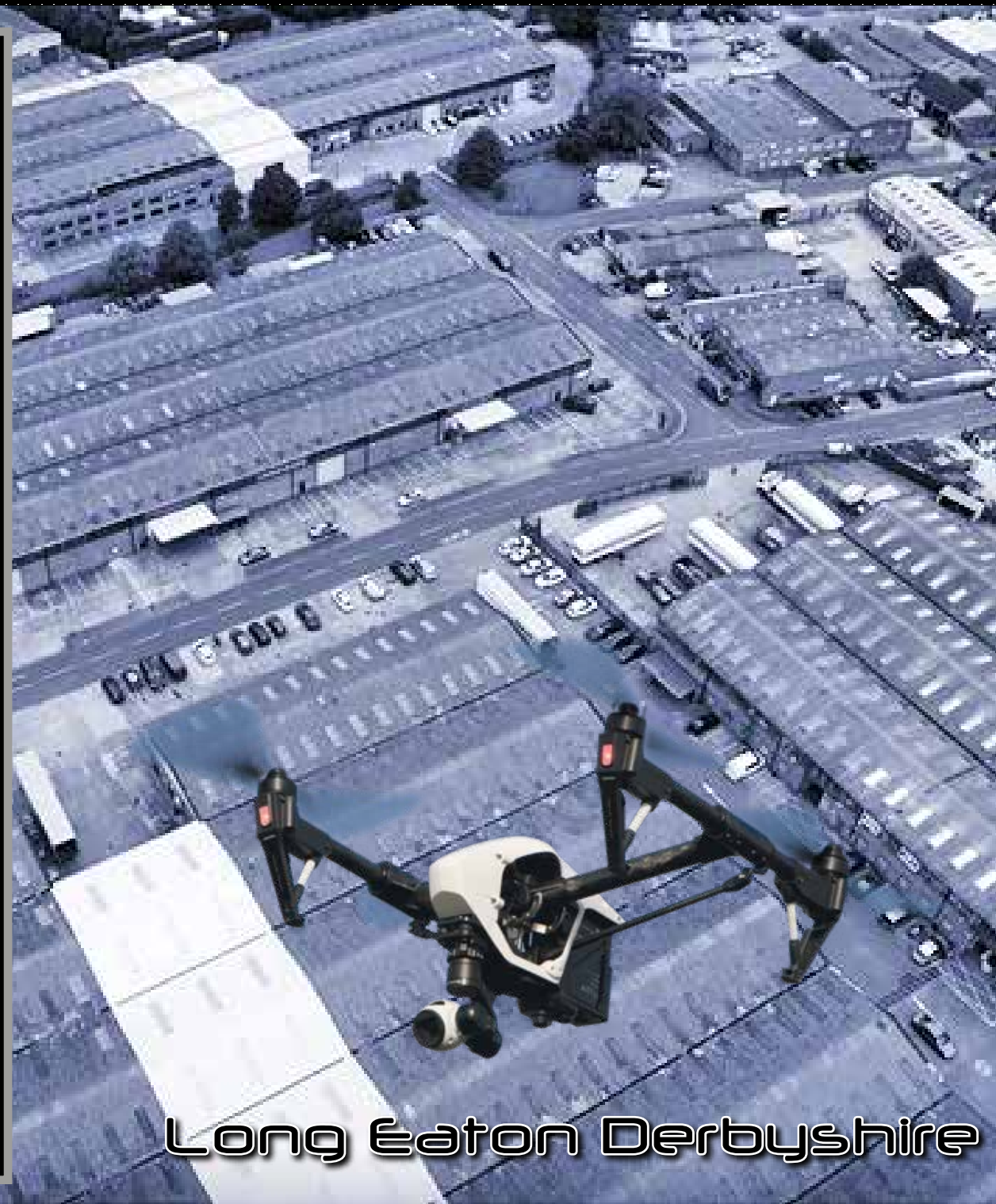
We surveyed 6 asbestos cement warehouse roofs which were over 40 years old and if surveyed conventionally with scaffolding, safety equipment and surveyors would be risky and cost prohibitive. The business occupying the buildings had serious leaking problems damaging valuable textile products.

- We carried out the survey from the platform of a scissor lift to ensure the drone was always in our pilots line of sight
- Our pilot was accompanied by a qualified Asbestos expert

*We produced the following reports:*

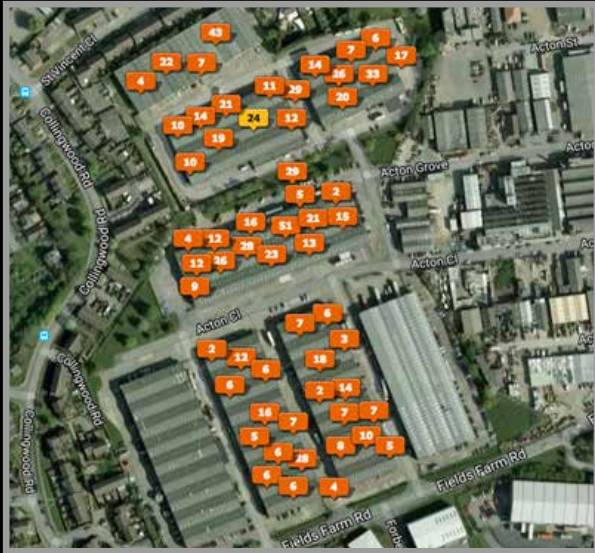
- Site overview
- 6 Individual roof condition and fault reports:
- 6 Roof measurement reports
- Geotagged fault photographs overlaid on Google Earth
- Remedial recommendations via our Asbestos expert

**We delivered in 5 working days**



**Long Eaton Derbyshire**

## Geotagged images



Each photograph taken with the drone captures the GPS coordinates of the drone's position. The software that we use takes these coordinates and correctly places them on the satellite image that is on Google Earth.

Each icon on the map shows a number that corresponds to the number of photos that were taken from that GPS position.

When using Adobe Lightroom you can click an icon (which then highlights yellow) and scroll through the photos. Taking photos with GPS coordinates and using the software allows you to correctly locate problem areas.



## Typical faults found on the roofs



*Inadequate patch repairs*



*Delamination of panels – leading to structural degradation*

**For full extracts of this survey please visit [skyeplus.co.uk/survey.asp](http://skyeplus.co.uk/survey.asp)**



# Dilapidation



**The Managing Agents** for these industrial units in Huddersfield asked us to survey the whole of the property's roofs to establish their condition. We quickly identified areas of the roofs that were peeling - usually caused by excessive humidity. The identified 'peeling steel roofs' correlated to the previous tenant's manufacturing processes inside the units.

In this case the processes employed involved high temperatures 24 /7. This clearly established that the processes beneath some roofs were causal of 'dilapidations' in combination with consequent further investigations of the underside of the roofs. We also identified blocked and leaking gutters and gulleys.

## Accurate quotations



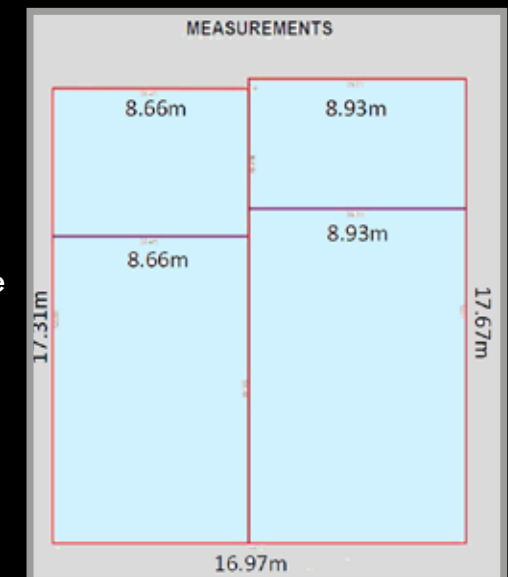
### Liverpool Housing Trust

(LHT) have many 3 or more storey properties in their 11,500 housing portfolio. They have asked to survey many of these properties as scaffolding and associated safety equipment make the cost of inspection prohibitive.

However, LHT have more recently employed us to survey roofs specifically for inclusion in tenders ensuring accuracy in fault finding and the necessary remedial action. As we are able to deliver accurate roof measurements from our hi-resolution photography each roof report included dimensions.

The reports we produce ensure that the quotations received are accurate and less open to fault and remedial interpretation.

A recent group survey covered 6 properties in Liverpool which were photographed in 5 hours and reports produce in 3 working days.



# The estimate for surveying this roof conventionally was £7500!



This apartment block in central Liverpool had tenants up in arms as there was a serious leak affecting 5 apartments. The landlords did not know where the access point was located onto the roof and if there were safety harness lines. The height of the building – over 90 ft precluded a cherry picker inspection.

The hire of scaffolding and safety equipment (£7500) meant our Building Services client called us in for a fifth of the price - and as it transpired a same day result. Due to the busy roads and public pavements surrounding the building we carried out the survey on a Sunday.

**Moss blocking a main gully**



## Two views are better than one!

Our DJI Inspire Pro has two remote controllers – one for the pilot to fly the drone and the second for, in this instance, a roofing expert to view the roof. The blockage was identified .....in 10 minutes.

## Work in progress



Our client recently acquired what was the Barclays Computer Centre in South Manchester. The 150,000 sq ft building is being redeveloped into the most secure data centre in Europe over the next 2 years. For the potential and existing investors, we filmed the building to give a clear impression of just what 150,000 sq ft looks like and the current condition of outside of the building. As and when developments take place we will get up in the air again -video the work- so that investors can see progress and fulfilment of the ongoing development programme. This is an extremely cost effective way of recording work in progress for any construction development.

Our sister company 360° Preview will produce 360° Virtual Tours of the refurbished and fitted out interiors.

### **The roofs coming off!**

To remove extremely heavy plant and equipment on the top floor of the building the roof is being removed to allow access for a crane requiring 35 lorry loads of ballast - to lift the plant. We will be recording all stages of this development and of course the final replacement roof.

# SAFETY FIRST

Our fully certificated CAA qualification ensures that we follow clear safety rules laid down by the authority. Sky Eye Plus clients are assured that any flight we undertake on their behalf is carried out with full consideration for people, property and aerospace laws.

This is supported by our fully insured, experienced pilots and business to carry out Drone video and stills photography with our policy covering all aspects of potential liability.

Consequently our clients have no liability in the event of an accident ...unlike with unlicensed pilots!

**Check out our safety policy**  
[skyeplus.co.uk/about.asp](http://skyeplus.co.uk/about.asp)



**All equipment checked pre-flight**



**Hi-vis vests for all crew**



**Clear signage to alert occupants and public**



CIVIL AVIATION  
AUTHORITY  
PERMISSION  
AVAILABLE  
ON APPLICATION.

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